

D3  
Cancel.

user, and to display minor channel numbers received through said major channel,  
wherein the major channel number is not displayed.

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### REMARKS

In accordance with the foregoing, claim 19 has been cancelled without prejudice or disclaimer. Claims 1-14, 17 and 18 are pending and under consideration. Reconsideration of the claims is respectfully requested.

At page 4, item 3 of the Office Action, claims 1-3, 5, 7-11, 13 and 17-18 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ozkan et al. (U.S. Patent 6,111,611) in view of Otsuki et al. (U.S. Patent 5,929,932). This rejection is respectfully traversed in view of the following arguments.

Claim 1 recites "changing a current channel to a...major channel; and displaying... minor channel numbers...wherein a number of the major channel is not displayed." Thus, a major channel is selected and the minor channel numbers are displayed, but the number of the major channel is not displayed.

In contrast, Ozkan discloses displaying bundle number 300, allocated in a CIT and provided from a user's remote control unit 70. Ozkan, col. 6, line 65 to col. 7, line 21. Fig. 8 of Otsuki discloses an EPG displaying the category (i.e., Sports) within which various programs may be selected. Accordingly, it is submitted that the Examiner's cited references do not disclose that the major channel number is not displayed.

Accordingly, claim 1, and claims 2-6 depending therefrom, are patentable over the Examiner's cited references.

Independent claims 7, 17 and 18 recite similar features that distinguish these claims from the Examiner's cited references. Accordingly, independent claims 7, 17 and 18, and claims 8-11 and 13 depending therefrom, are patentable over the Examiner's cited references.

At page 9, item 4 of the Office Action, claims 4 and 6 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ozkan et al. and Otsuki et al., and further in view of Youman

et al. (U.S. Patent 5,629,733). This rejection is respectfully traversed in view of the following arguments.

Claims 4 and 6 depend from claim 1, and are therefore patentable over Ozkan et al. and Otsuki et al. for at least the above reasons. Youman et al. does not overcome the above deficiencies in Ozkan et al. and Otsuki et al., and is not relied upon by the Examiner for this purpose. Instead, the Examiner relies upon Youman et al. as disclosing hiding channels as a result of inactivity of the user. Accordingly, withdrawal of the rejection of claims 4 and 6 is requested.

At page 9, item 5 of the Office Action, claims 12 and 14 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ozkan et al. and Otsuki et al., and further in view of Keenan (U.S. Patent 5,629,733). This rejection is respectfully traversed in view of the following arguments.

Claims 12 and 14 depend from claim 7, and are therefore patentable over Ozkan et al. and Otsuki et al. for at least the above reasons. Keenan does not overcome the above deficiencies in Ozkan et al. and Otsuki et al., and is not relied upon by the Examiner for this purpose. Instead, the Examiner relies upon Keenan as disclosing an endless loop operation. Accordingly, withdrawal of the rejection of claims 12 and 14 is requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

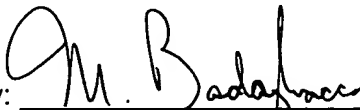
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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Date: 1-25-02

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

Please **AMEND** claims 1, 7, 17 and 18 in accordance with the following:

1. (ONCE AMENDED) A method for displaying channel information on a digital television for receiving digital multichannel television broadcasting, comprising the steps of:  
changing a current channel to a demanded major channel in response to a demand to change a major channel; and  
displaying on a television screen, minor channel numbers of programs received through a currently selected major channel,  
wherein a number of the major channel is not displayed.

7. (TWICE AMENDED) A method for displaying channel information on a digital television for receiving digital multichannel television broadcasting, comprising the steps of:  
selecting a radio frequency (RF) channel corresponding to a major channel number selected by a user;  
displaying , as a viewing program, a program of a minor channel received through said selected RF channel corresponding to the major channel number selected by the user; and  
displaying minor channel numbers received through said major channel on a television screen,  
wherein the major channel number is not displayed.

17. (ONCE AMENDED) An apparatus for displaying channel information on a digital

television for receiving digital multichannel television broadcasting, comprising:

a channel changing device to change a current channel to a selected major channel;

and

a display to display minor channel numbers of programs received through the selected major channel,

wherein a number of the major channel is not displayed.

18. (ONCE AMENDED) A device for displaying channel information on a digital television for receiving digital multichannel television broadcasting, comprising:

a selecting device to select a radio frequency channel corresponding to a major channel number selected by a user; and

a display to display, as a viewing program, a program of a minor channel received through said selected RF channel corresponding to the major channel number selected by the user, and to display minor channel numbers received through said major channel,

wherein the major channel number is not displayed.